

1/6

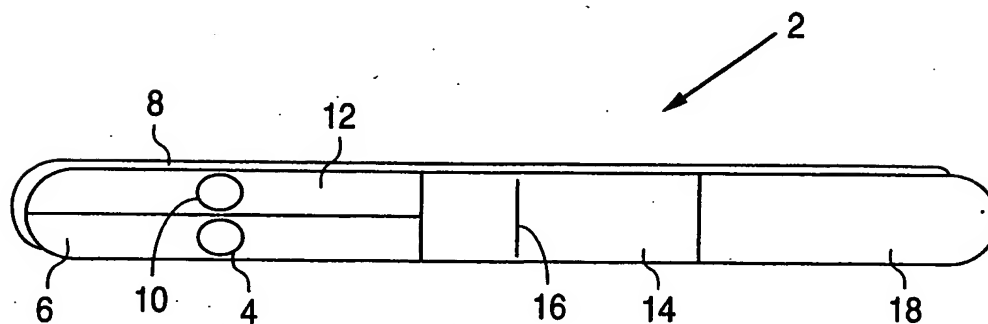


FIG. 1

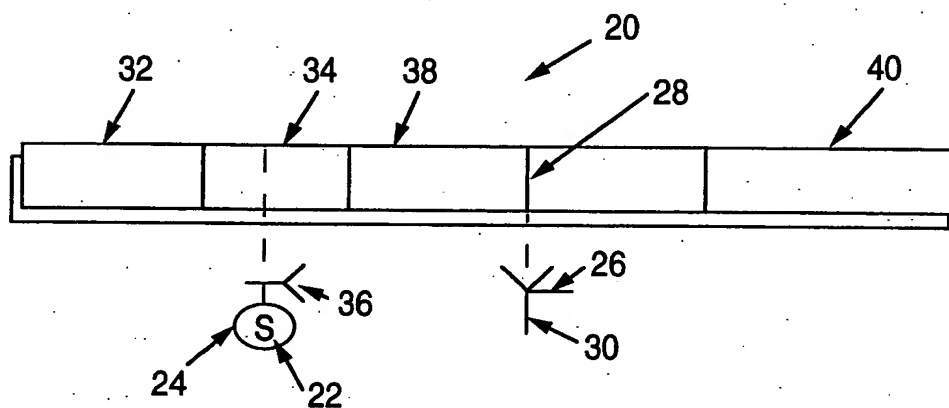


FIG. 2

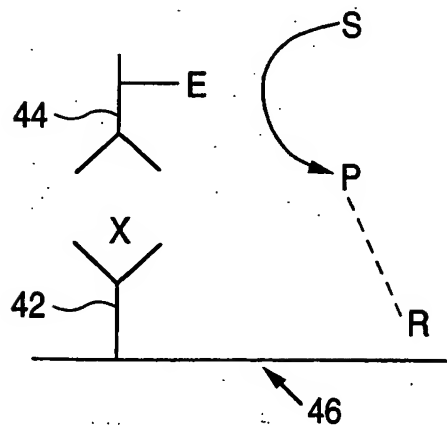


FIG. 3

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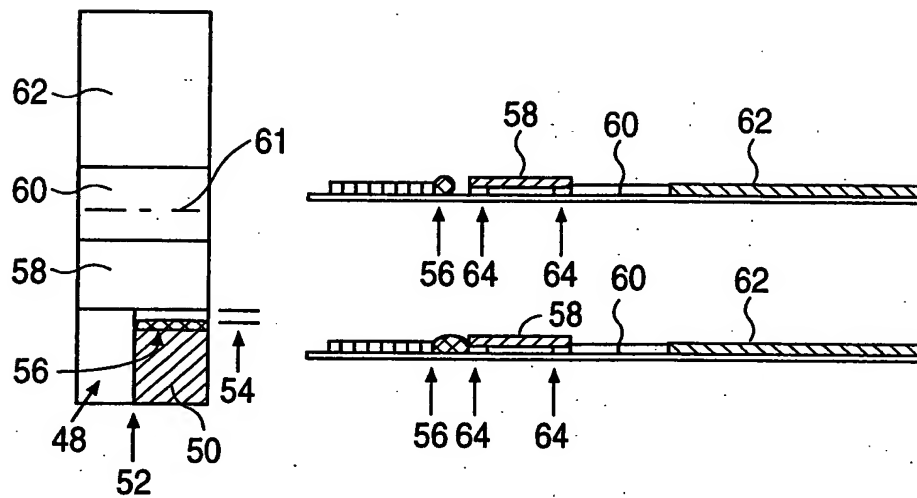


FIG. 4

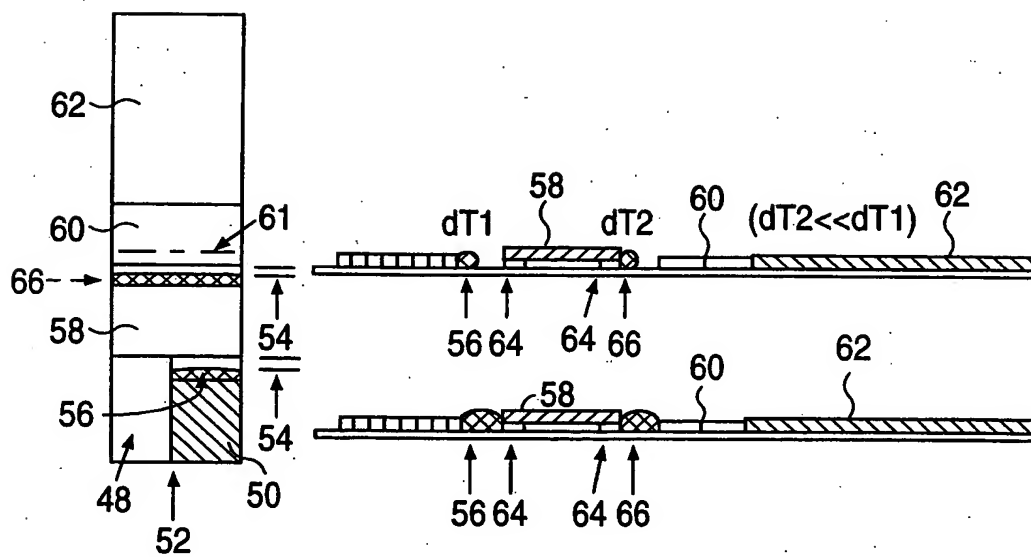


FIG. 5

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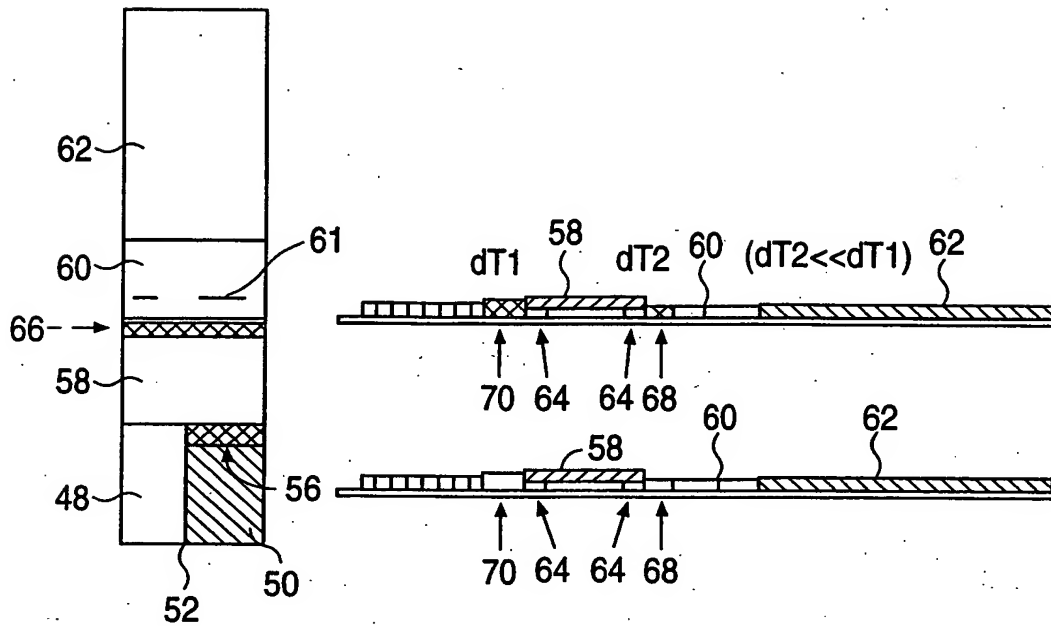


FIG. 6

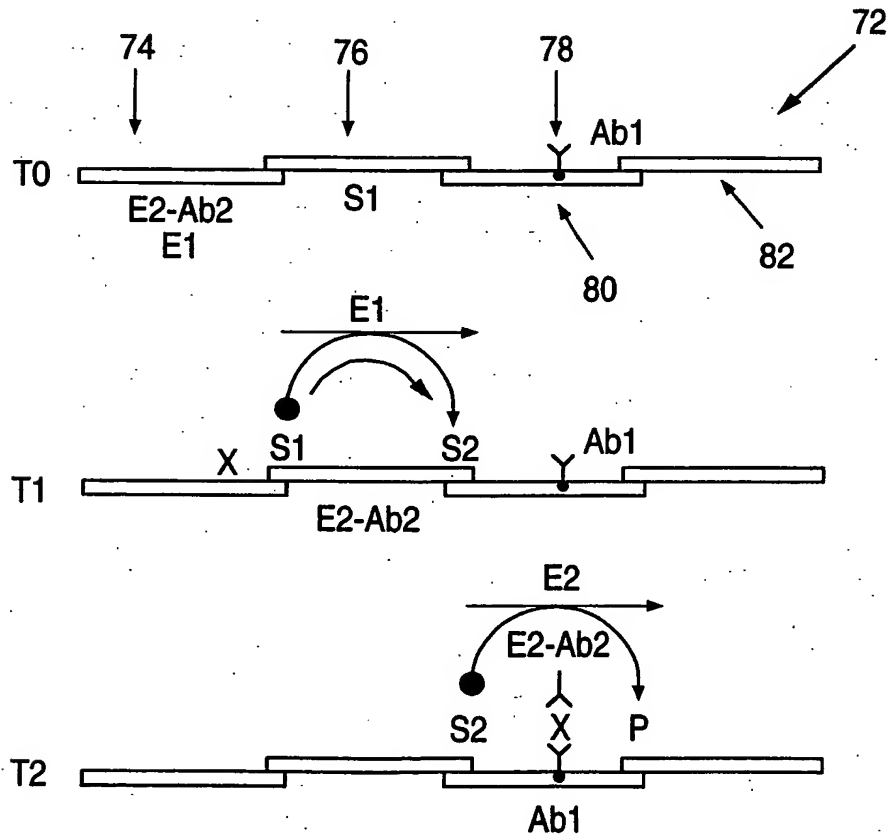
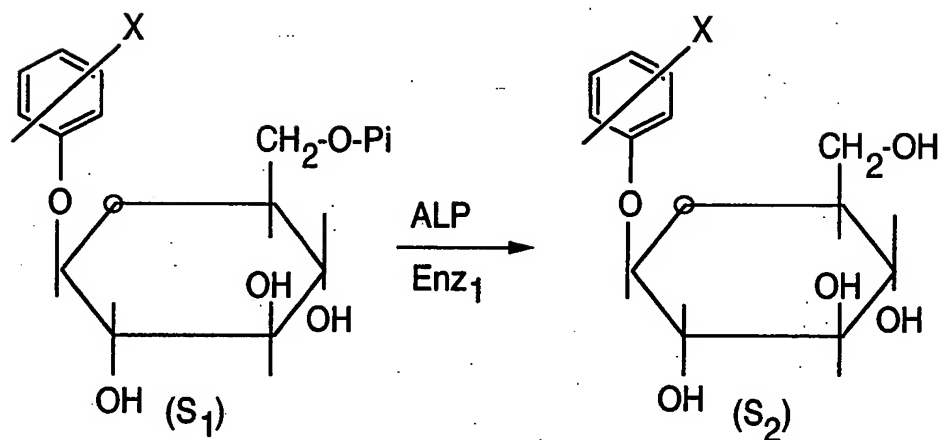


FIG. 7

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Where $\text{X} = (\text{Br}, \text{Cl}, \text{OCH}_3, \text{NO}_2, \text{or NH}_2)$ in position ortho or para

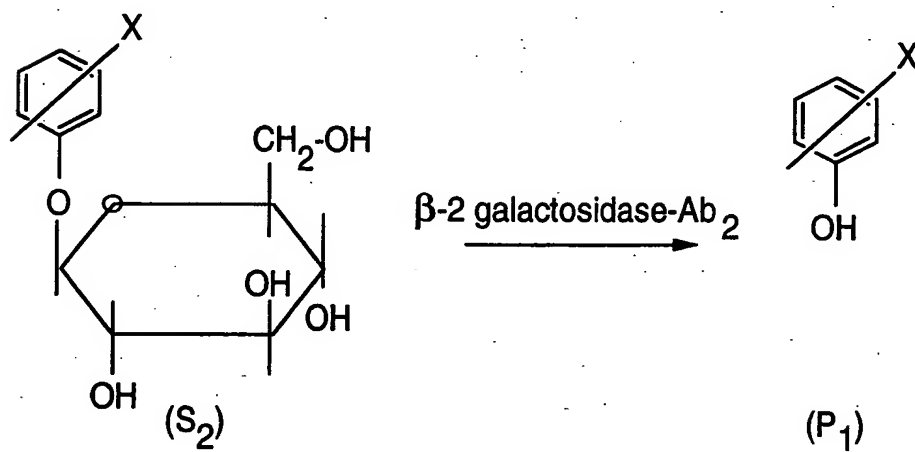
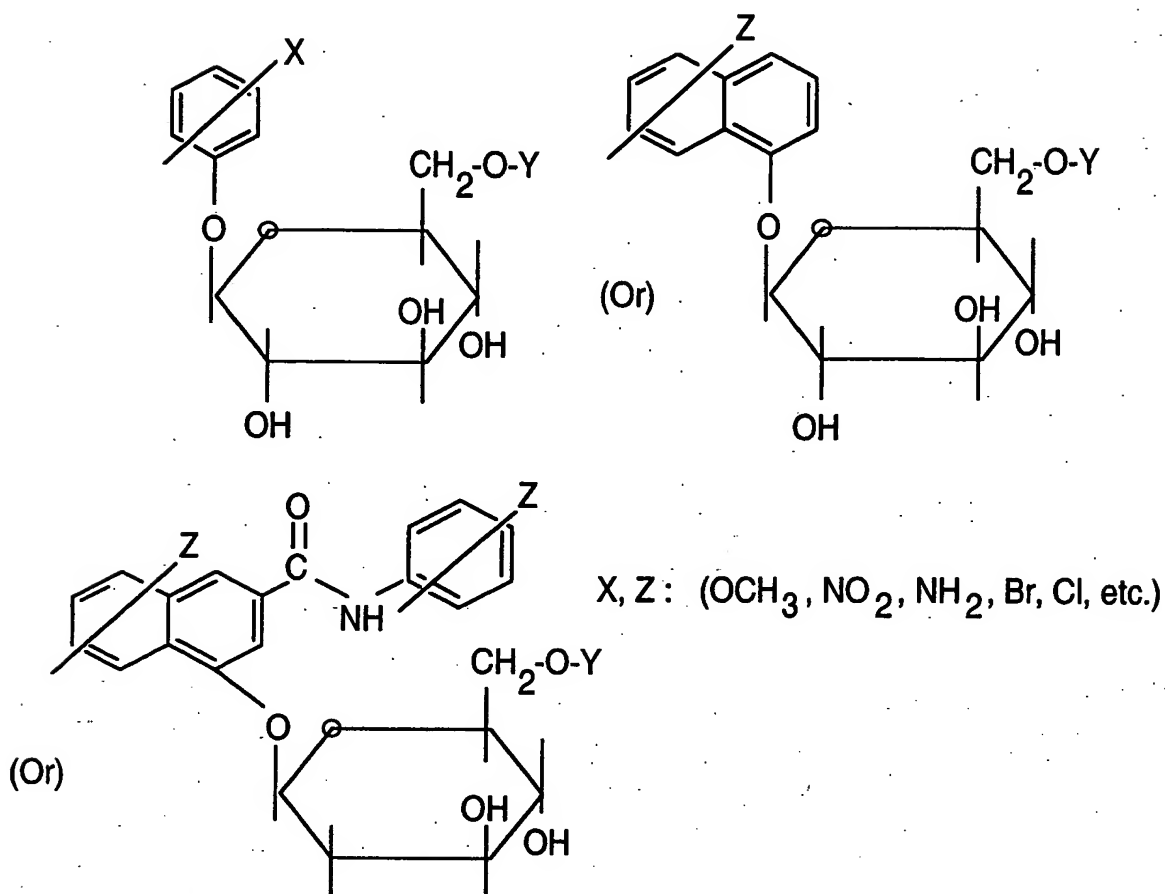


FIG. 8

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Y	Enz ₁
acetate, butyrate	esterase
aminoacid, peptide	protease
sulphate	sulfatase
Phenylacetate, phenylbutyrate, proionate	chymotrypsin-like proteases

FIG. 9

S_1	Enz ₁	Product
$\begin{array}{c} R_1 \quad O \quad O \\ \quad \quad \\ \dots CH-C-NH-C-NH_2 \\ \text{peptide} \end{array}$	Proteolytic enzymes	urea + amino acids
$\begin{array}{c} H_2N \quad C = NH \text{ (creatine)} \\ \quad \quad \quad \\ H_3C-N \\ \quad \quad \quad \\ CH_2-COOH \end{array}$	creatine amid inohydrolase (EC 3.5.3.3)	urea + sarcosine
$\begin{array}{c} HN=C=NH-(CH_2)_3-CH-NH_2 \\ \quad \quad \quad \quad \quad \quad \\ H_2N \quad \quad \quad \quad \quad \quad COOH \\ \text{(arginine)} \end{array}$	arginase (EC 3.5.3.1)	urea + ornithine

FIG. 10

FIG. 11

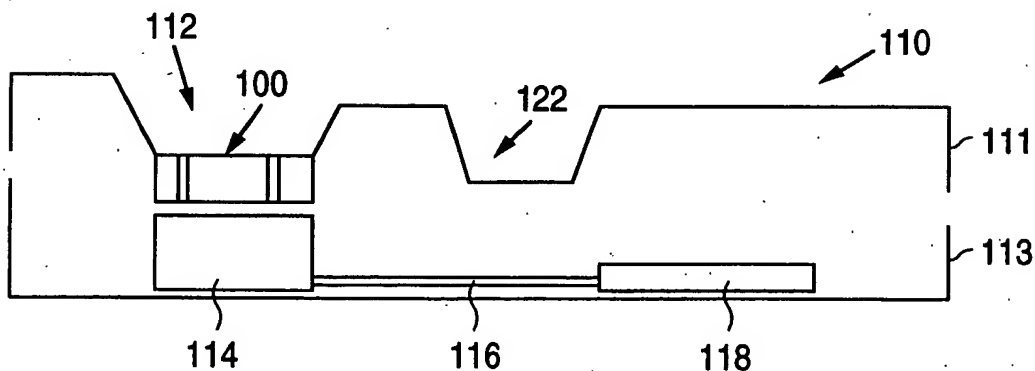
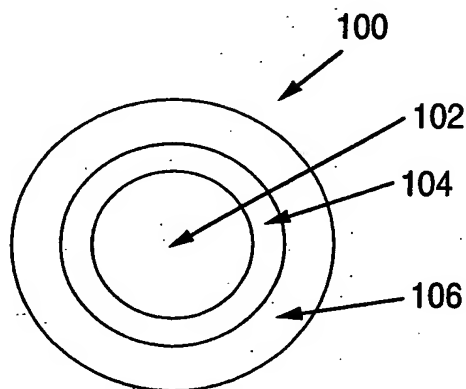


FIG. 12